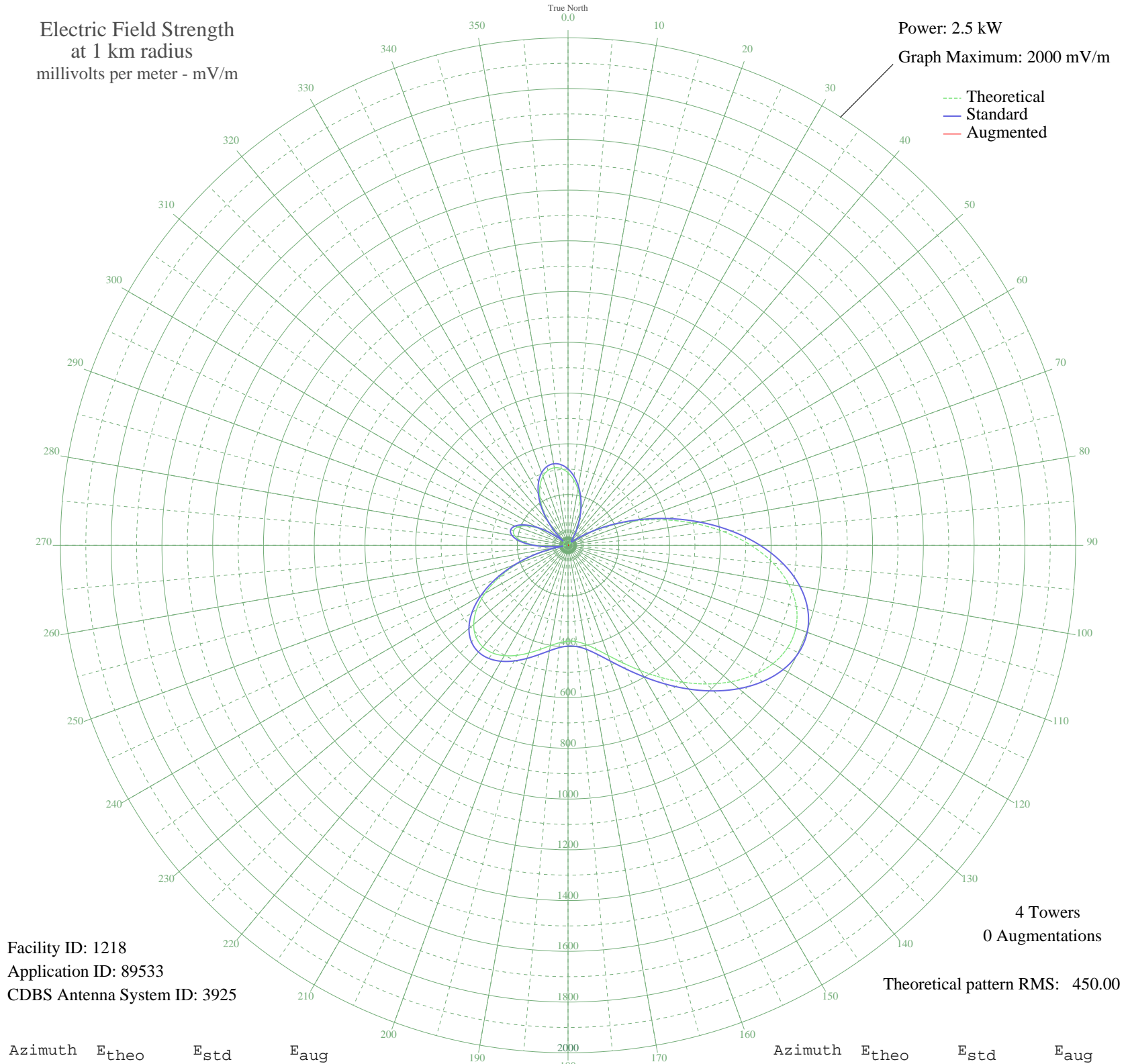


WRFC ATHENS, GA BL-19860624AA 960 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 2.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 1218  
Application ID: 89533  
CDBS Antenna System ID: 3925

4 Towers  
0 Augmentations

Theoretical pattern RMS: 450.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	286.06	300.91	
5	259.11	272.67	
10	224.23	236.13	
15	183.50	193.52	
20	139.56	147.65	
25	95.62	102.02	
30	55.38	60.89	
35	22.90	30.08	
40	2.45	18.25	
45	2.71	18.29	
50	12.42	22.28	
55	48.04	53.58	
60	105.59	112.33	
65	183.75	193.78	
70	279.36	293.88	
75	387.48	407.25	
80	501.82	527.22	
85	615.30	646.32	
90	720.78	757.03	
95	811.76	852.54	
100	883.08	927.42	
105	931.31	978.04	
110	954.97	1002.88	
115	954.56	1002.45	
120	932.25	979.02	
125	891.53	936.28	
130	836.76	878.79	
135	772.68	811.52	
140	704.00	739.42	
145	635.09	667.09	
150	569.78	598.54	
155	511.19	537.06	
160	461.73	485.15	
165	423.04	444.56	
170	396.09	416.29	
175	381.16	400.63	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	377.89	397.19	
185	385.26	404.92	
190	401.62	422.09	
195	424.68	446.28	
200	451.50	474.42	
205	478.62	502.88	
210	502.16	527.58	
215	518.10	544.31	
220	522.59	549.01	
225	512.31	538.23	
230	484.98	509.55	
235	439.65	461.99	
240	377.06	396.33	
245	299.71	315.21	
250	211.75	223.07	
255	118.70	125.94	
260	26.84	33.47	
265	57.43	62.95	
270	128.25	135.87	
275	181.01	190.92	
280	212.74	224.11	
285	222.37	234.19	
290	210.68	221.95	
295	180.12	189.99	
300	134.39	142.26	
305	78.21	84.08	
310	21.10	28.59	
315	54.35	59.86	
320	115.85	122.97	
325	172.80	182.34	
330	221.85	233.65	
335	261.04	274.68	
340	289.14	304.13	
345	305.57	321.36	
350	310.24	326.25	
355	303.49	319.17	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission